

SECRET

SAPC 2948

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A study of the 20 September and 5 October 1955 oblique photography taken at 66,000' and 48,000' altitude, respectively. The 20 September photography was on standard base film and the 5 October photography was on thin base film. Due to different dates and altitudes no attempt is made to compare standard base photography to thin base photography. No reference is made to scratches and density changes which occurred as a result of field processing of film. (See enclosed prints)

MEMORANDUM FOR: PROJECT DIRECTOR

SUBJECT: Preliminary Evaluation of Sample Photography

A. Print evaluation of 2 1/4" F/L oblique photography taken 20 September 1955 and 5 October 1955 at 66,000' and 48,000' altitude, respectively. The 20 September photography was on standard base film and the 5 October photography was on thin base film. Due to different dates and altitudes no attempt is made to compare standard base photography to thin base photography. No reference is made to scratches and density changes which occurred as a result of field processing of film. (See enclosed prints)

1. Format and Physical Characteristics

a. Fiducials - are not well formed, preventing accurate principal point location.

b. Clock - Although some improvement has been made since the original photography was studied, the clock is still not acceptable. The numbers are almost impossible to see, the hour, minute, and second hands are very difficult to see, and the space for additional data on the clock face does not show data clearly.

c. Exposure Numbers - Still no exposure numbering system.

2. Tone (refers to the brilliance with which light is reflected by an object) - Generally the tone is quite good. There appears to be a full range of tone from black to white.

3. Resolution - Generally the resolution appears quite good, but a more detailed evaluation will be made when urban photography is received.

Capability of enlargement depends on the resolution of the negative and enlargements of representative negatives will be evaluated as soon as possible.

4. Stereo-overlap (three-dimensional viewing of photographic images of objects) The percent of overlap was variable and not determined.

5. Overall print quality - General quality of prints is good. The glossy finish of the enclosed prints always tends to make an impressive presentation but close scrutiny with the aid of optics is required to determine actual quality.